

Fig. 1

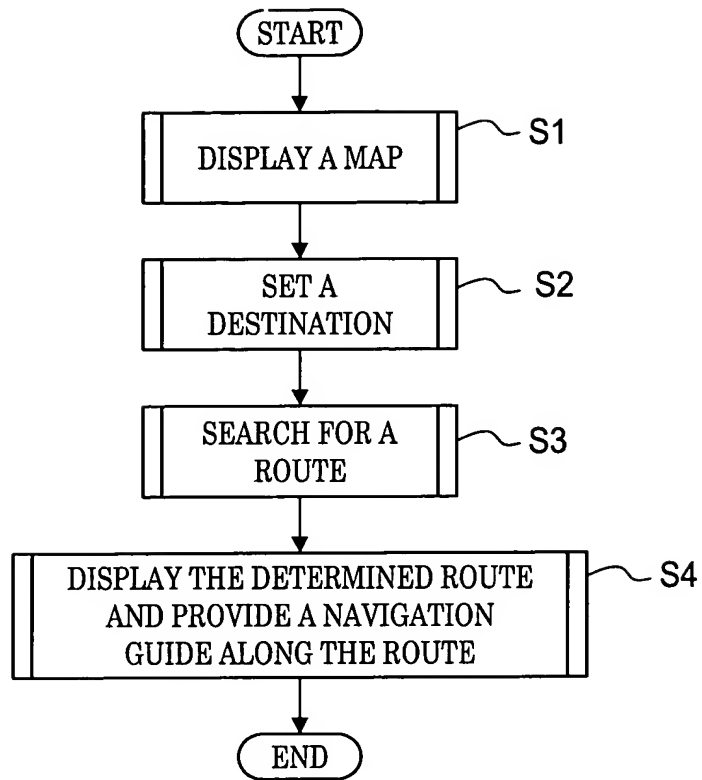


Fig. 2

ROAD NAVIGATION GUIDE DATA	
NUMBER OF ROADS (n)	
1	ROAD NUMBER
	LENGTH
	ROAD ATTRIBUTE DATA
	ADDRESS AND SIZE OF SHAPE DATA
	ADDRESS AND SIZE OF NAVIGATION GUIDE DATA
	⋮
n	

Fig. 3A

SHAPE DATA	
NUMBER OF NODES (m)	
1	EAST LONGITUDE
	NORTH LATITUDE
	⋮
m	

Fig. 3B

NAVIGATION GUIDE DATA	
INTERSECTION NAME	
CAUTION DATA	
ROAD NAME DATA	
ADDRESS AND SIZE OF ROAD NAME VOICE DATA	
ADDRESS AND SIZE OF DESTINATION DATA	

Fig. 3C

DESTINATION DATA	
NUMBER OF DESTINATIONS (k)	
1	DESTINATION ROAD NUMBER
	DESTINATION NAME
	ADDRESS AND SIZE OF DESTINATION NAME VOICE DATA
	NAVIGATION DESTINATION DATA
	NAVIGATION GUIDANCE DATA
	⋮
k	

Fig. 3D

NAVIGATION DIRECTION DATA

- 1 : INVALID
- 0 : UNNECESSARY
- 1 : GO STRAIGHT
- 2 : TURN TO THE RIGHT
- 3 : CURVE TO THE RIGHT
- 4 : MAKE A RIGHT U-TURN
- 5 : TURN TO THE LEFT
- 6 : CURVE TO THE LEFT
- 7 : MAKE A LEFT U-TURN

Fig. 3E

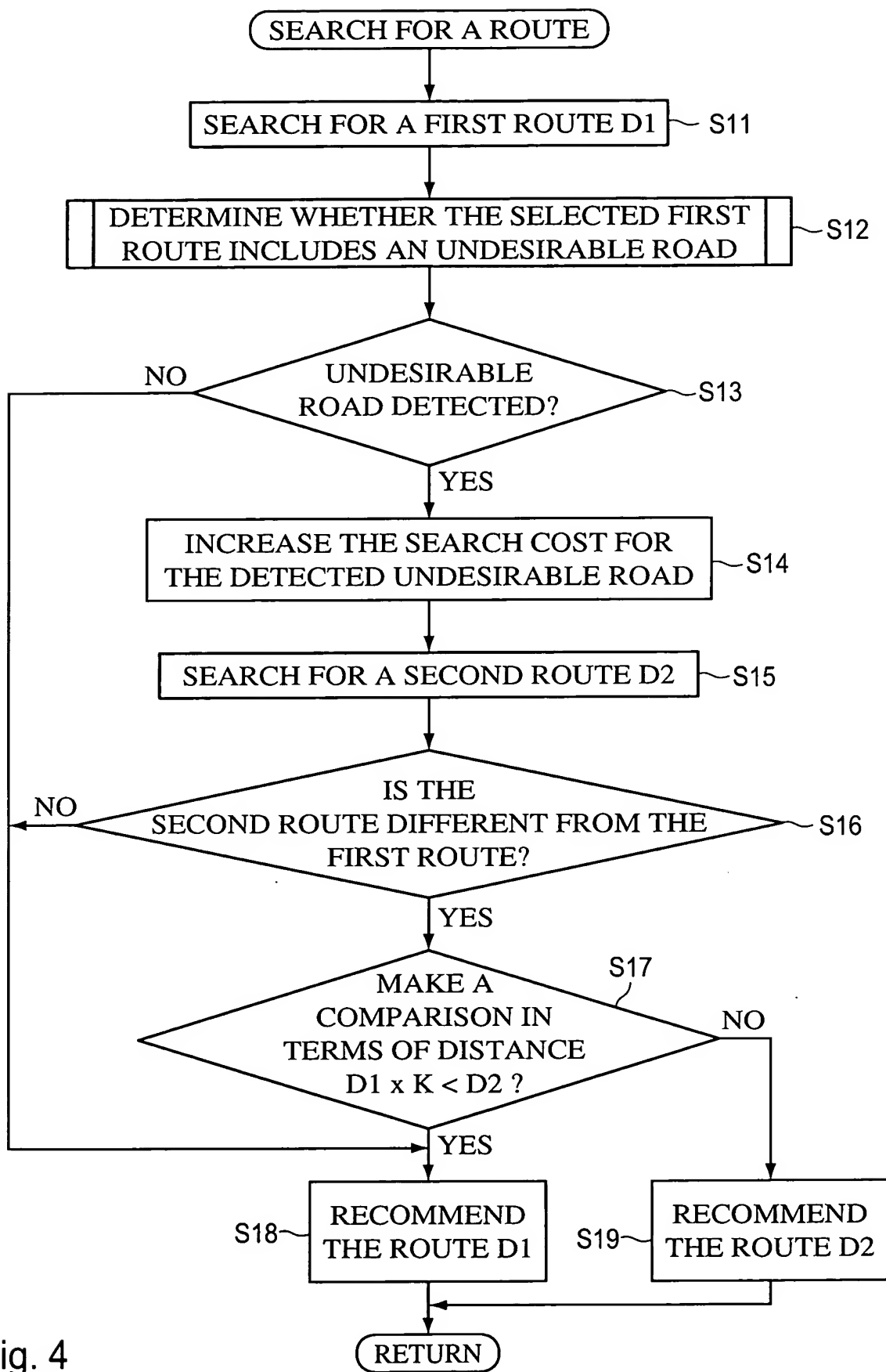


Fig. 4

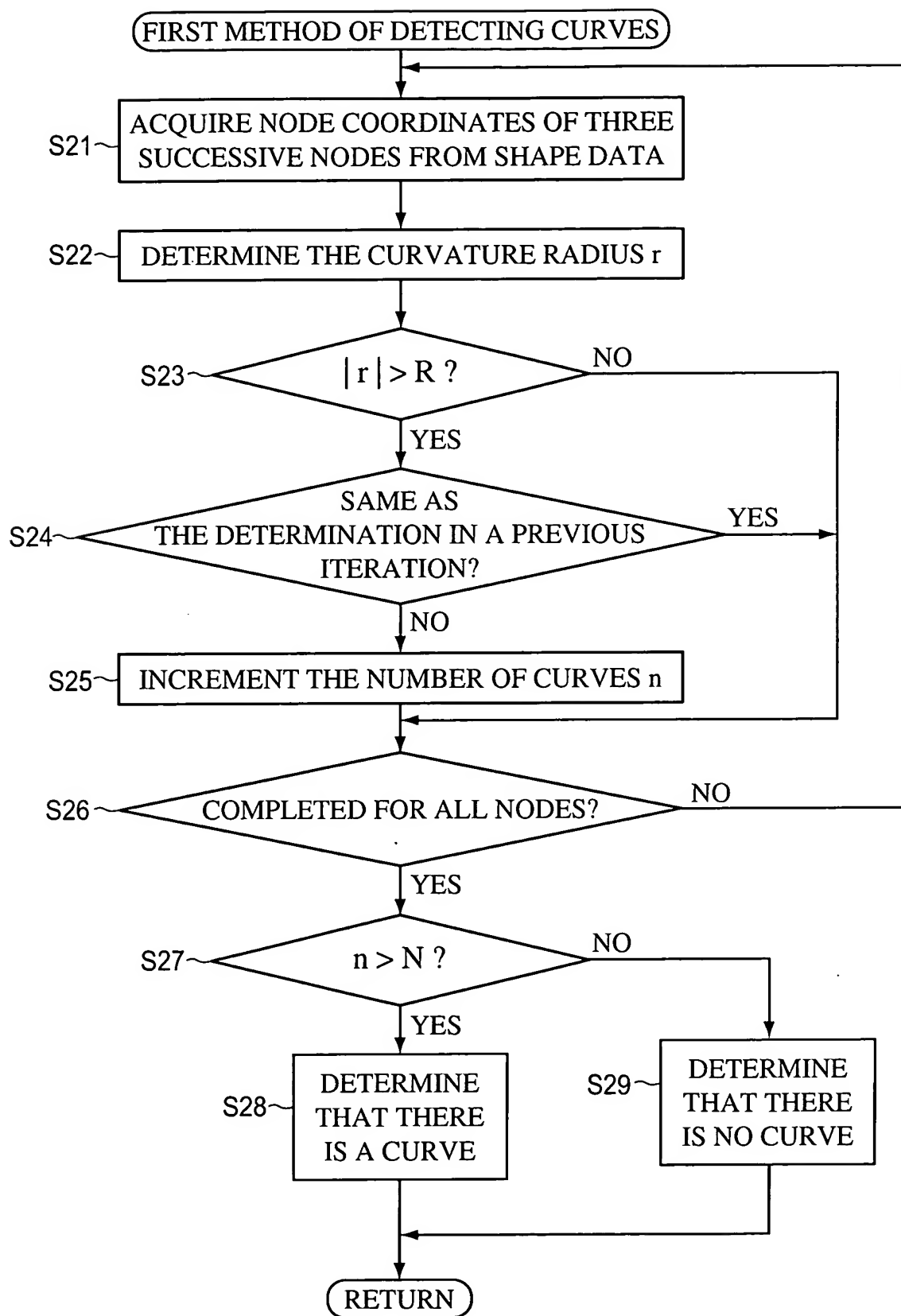


Fig. 5

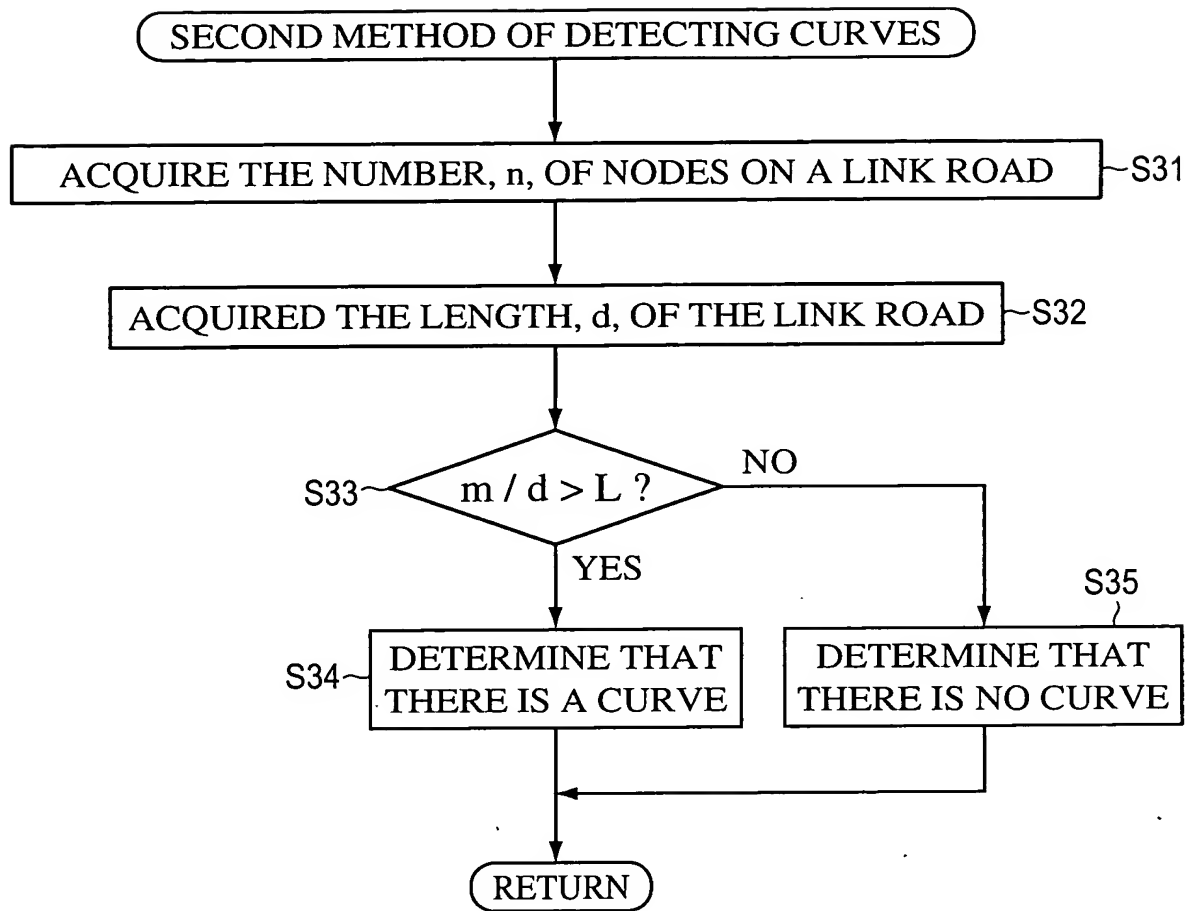


Fig. 6

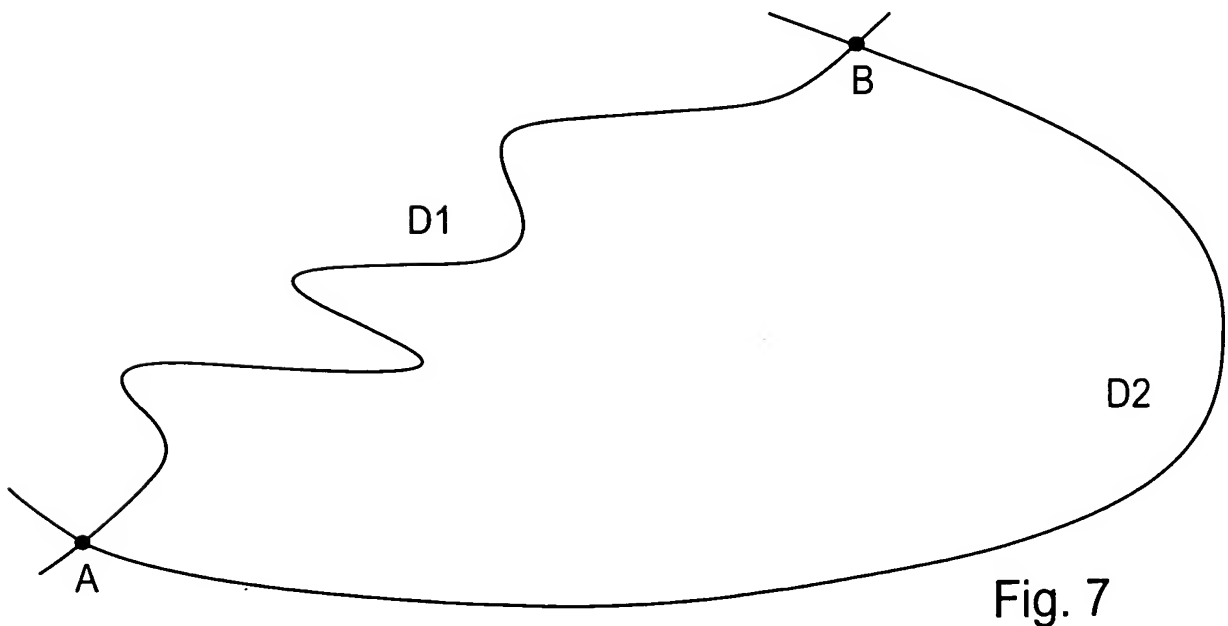


Fig. 7